

REMARKS/ARGUMENTS

Status of the claims

With entry of the instant amendment claims 1, 9, 25, 28, and 30 have been amended and claims 2-8 and 11-24 and 26, 27, 29, and 31 are cancelled. Claims 1, 9, 10, 25, 28, 30, and 32 are therefore pending in the application. Claim 32 is currently withdrawn from examination.

Cancellation of subject matter is without prejudice to subsequent revival for prosecution in a continuation or divisional application.

The amendments to the claims add no new matter and are supported throughout the application. For example, support for the amendments to claims 1 and 9 can be found, *e.g.*, in claims 7 and 8, respectively. Support for the amendments to claims 25 and 28 can be found, *e.g.*, in claims 26 and 27, respectively.

Objections to the specification

Applicants were requested to amend the description of Figure 5 and 6 to specify which sequence is associated with which sequence identifier. The amendments to the specification provide the requested information.

Rejection under 35 U.S.C. § 112, first paragraph

Claims 1-6, 8, 9, 10, 25, and 27-30 were rejected as allegedly not enabled. Although Applicants disagree for reasons of record, in the interests of expediting prosecution, claims 1 and 25 have been amended to recite elements set forth in claims 7 and 26, which were not rejected. Applicants therefore respectfully request withdrawal of the rejection.

Rejoinder

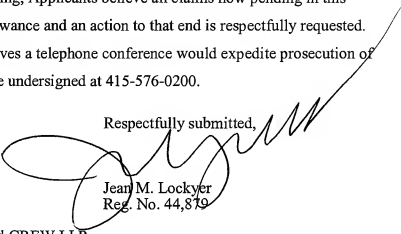
Applicants believe that claims 1 and 25 are allowable. Rejoinder of claim 32 in accordance with MPEP § 821.04(b) is therefore respectfully requested.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance and an action to that end is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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